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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SECURITIES BLDG.
HELENA, MONTANA

VOL. VI, No. 11 McKEE PRINT. November, 1958

Production of crude oil and condensate from the oil and gas areas of Monatna for the month of November, 1958, averaged 77,877 barrels daily, a decrease of 449 barrels from the average October production of 78,326.

The ten refineries in the State processed 73,356 barrels of crude oil daily for the month of November, 1958, an increase of 2,562 barrels daily from the 70,794 barrels processed daily during the month of October, 1958.

During November, 31 wells were completed, 12 oil, 2 gas wells and 17 dry holes.

During November, the Commission issued 42 permits to drill new wells, a decrease of 14 from the 56 permits issued during October.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF NOVEMBER, 1958

IN STORAGE NOVEMBER 1st:	
By Producers	340,163
By Transporters	662,664
By Refiners	596,055
TOTAL STORAGE	1,599,887
Produced in Montana During Month	2,336,339
Imported During Month	1,545,915
TOTALS	5,481,141
DISPOSITION:	
Refined in Montana	2,200,708
Exported	1,757,775
Used for Fuel or Lost	10,766
TOTAL	3,969,249
IN STORAGE NOVEMBER 30th:	
By Producers	368,512
By Transporters	630,528
By Refiners	512,852
TOTAL STORAGE	1,511,892

NATURAL GAS WITHDRAWALS IN MONTANA

Month of November, 1958

Field	M Cu. Ft.
Bears Den	288
Big Coulee	83,528
Bowdoin	293,810
Bowes	108,294
Box Elder	0
Cabin Creek	70,064
Cedar Creek	713,937
Clarks Fork	87,313
Cut Bank (Including Reagan)	1,269,025
Devon	0
Dry Creek	161,601
Elk Basin	88,530
Flat Coulee	39,489
Golden Dome	884
Hardin	3,463
Keith Block	157,451
Kevin Sunburst	112,736
Pine	76,663
Plevna	18,724
Utopia	80,649
Whitlash	132,943
Miscellaneous	35,440
TOTAL	3,534,832

Total Withdrawals for November, 1957 were 3,562,668 M Cu. Ft.

PRODUCERS REPORT

MONTH OF NOVEMBER, 1958

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	394	2,969	.....	3,181	.....	682
2	Bannatyne	5	1,675	627	.....	184	.....	2,118
....	Belfry	....	45	.....	.....	.....	.....	45
12	Big Wall	25	4,723	15,439	.....	16,150	.....	4,012
10	Blackfoot	14	2,985	6,560	.....	6,270	30	3,245
4	Border	4	.....	767	.....	767	.....	.....
19	Bowes	82	5,339	30,435	28,445	.....	.....	7,329
1	Bredette	1	1,714	707	824	.....	.....	1,597
5	North Bredette	5	4,747	11,031	11,783	.....	.....	3,995
2	Brorson	2	2,394	4,318	4,838	.....	.....	1,874
2	Bynum	2	255	.....	.....	.....	.....	255
2	Cabin Creek	83	6,534	373,153	369,969	.....	1,431	8,287
29	Cat Creek	88	7,204	12,684	10,372	2,836	.....	6,680
1	Clark's Fork	1	577	240	.....	.....	.....	817
3	Clark's Fork North	5	3,267	34,493	.....	35,134	.....	2,626
3	Cupton	3	756	3,762	1,730	.....	.....	2,788
349	Cut Bank	1,148	120,593	161,921	155,037	.....	12	127,465
3	Deer Creek	6	1,225	16,022	15,204	.....	.....	2,043
5	Delphia	5	1,653	4,715	.....	5,297	.....	1,071
4	Devil's Basin	5	811	588	.....	619	.....	780
5	Dry Creek	6	692	4,998	4,559	.....	.....	1,131
20	Elk Basin	57	7,781	292,904	291,305	.....	.....	9,380
2	Fertile Prairie	3	1,461	1,156	1,237	.....	.....	1,380
2	Frannie	2	1,009	2,808	2,176	.....	.....	1,641
2	Gage	2	900	609	.....	304	9	1,196
3	Gas City	12	3,287	22,959	22,377	.....	.....	3,869
6	Glendive	12	6,226	43,020	41,249	.....	.....	7,997
3	Gypsy Basin	3	746	1,088	.....	680	.....	1,154
5	Ivanhoe	13	5,178	23,917	.....	24,050	.....	5,045
198	Kevin-Sunburst	1,421	17,370	77,392	76,359	.....	.....	18,403
2	Line Coulee	2	1,438	2,664	1,727	.....	.....	2,375
1	Little Beaver	7	2,005	15,371	14,957	.....	.....	2,419
4	East Little Beaver	5	2,587	8,873	9,199	.....	.....	2,261
5	Melstone	7	2,532	6,668	.....	5,476	.....	3,724
2	Mosser	6	88	462	.....	.....	.....	550
14	Outlook Area	14	6,963	64,033	59,790	.....	.....	11,206
10	Pennel	21	5,188	45,570	42,608	.....	.....	8,150
6	Pine	135	20,124	431,446	430,167	.....	58	21,345
74	Pondera	344	8,148	43,006	42,516	.....	.....	8,638
12	East Poplar	101	21,043	292,904	294,131	.....	124	19,692
3	Northwest Poplar	4	767	1,955	1,702	381	.....	639
3	Ragged Point	7	3,091	10,720	.....	11,722	.....	2,089
1	Rattlesnake Butte	1	116	.....	.....	.....	.....	116
4	Reagan	44	2,347	13,276	12,249	.....	.....	3,374
4	Red Creek	4	1,272	1,748	1,408	.....	.....	1,612
1	Repeat	1	749	3,877	4,104	.....	.....	522
4	Richey	7	3,023	7,007	4,997	.....	372	4,661
2	Snyder	4	1,570	1,993	.....	1,499	.....	2,064
4	Soap Creek	17	6,419	5,070	.....	8,013	.....	3,476
1	Southwest Richey	2	1,011	3,489	2,953	.....	.....	1,547
22	Sumatra	68	13,629	144,090	139,509	3,716	.....	14,494
4	Sweetgrass Hills	4	894	302	.....	596	22	578
10	Whitlash	30	11,663	6,399	3,564	1,415	.....	13,083
5	Wills Creek	9	4,908	23,011	24,105	.....	.....	3,814
9	Wolf Springs	20	5,173	48,257	47,728	.....	.....	5,702
2	Woodrow	2	799	2,529	2,352	.....	.....	976
1	Yellowstone	1	580	337	.....	417	.....	500
913		3,886	340,168	2,336,339	2,177,230	128,707	2,058	368,512

Total Oil Produced and Shipped From Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1957	27,121,962	74,306	27,037,808	74,076
First Quarter, 1958	6,728,571	74,761	6,644,211	73,824
Second Quarter, 1958	6,951,369	76,388	6,965,486	76,543
Third Quarter, 1958	7,079,598	76,952	7,050,433	76,635
October, 1958	2,428,125	78,326	2,456,201	79,232
November, 1958	2,336,339	77,877	2,305,937	76,864

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1957	319,586	745,067	776,264	1,804,917
March, 1958	380,210	712,578	601,535	1,694,323
June, 1958	351,180	624,029	526,399	1,501,608
September, 1958	371,467	642,156	658,405	1,672,028
October, 1958	340,168	662,664	596,055	1,598,887
November, 1958	368,512	630,528	512,852	1,511,892

*Includes Wyoming Oil

TRANSPORTERS REPORT

MONTH OF NOVEMBER, 1958

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			3,181				3,181		
BANNATYNE—Truck			184			184			
BIG WALL—Truck			16,150				16,150		
BLACKFOOT—Union Oil Co.			6,270			6,270			
BORDER—Truck			767			767			
BOWES—									
Trigood Oil Co.	4,883	5,783					5,785		4,881
The Texas Co.		22,662				22,662			
	4,883	28,445				22,662	5,785		4,881
BRORSON—Sun Oil Company		4,838					4,838		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	328,819	865,109		450,750	(34)		1,350,870		293,842
Shell Pipe Line Corp.	7,092	88,783			223			91,333	4,319
	335,911	953,892		450,750	189		1,350,870	91,333	298,161
CAT CREEK—									
Continental Pipe Line Co.	9,007	10,372			22	11,822			7,535
Wm. Hanlon			2,836			2,836			
	9,007	10,372	2,836		22	14,658			7,535
CLARK'S FORK—Truck			35,134				35,134		
CUT BANK—									
Big West Oil Co.		956		14,046		15,002			
Darling Gathering System, Inc.	1,821	6,088						6,222	1,687
Phillips Petroleum Co.	17,630	38,972		11,139	429			35,007	32,305
Texas Pipe Line Co.	32,956	27,457		23,419	501	29,412		19,215	34,703
Toronto Ppie Line Co.	18,762	44,946			294			48,405	15,009
Union Oil Co.	176,986	38,078		30,015	762	83,208			161,109
	248,155	156,497		78,618	1,986	127,622		108,849	244,813
DEVILS BASIN—Truck			619				619		
DELPHIA—Truck			5,297			5,297			
DRY CREEK—Ohio Oil Co.	7,892	4,560			106	5,833			6,463
ELK BASIN—Ohio Oil Co.		291,305				2,540	288,765		
FRANNIE—Ohio Oil Co.		2,176					2,176		
GAGE—Truck			304			304			
GLENDIVE, DEER CREEK & WOODROW—									
The Texas Pipe Line Co.	4,295	59,075			186		23,352	35,126	4,706
GYPSY BASIN—Truck			680			680			
IVANHOE—Truck			24,050			3,158	20,892		
KEVIN-SUNBURST—									
Big West Oil Co.	2,177	45,007				44,365			2,819
Homestake Oil & Gas Co.	1,334	3,964		6,222		10,485			1,035
The Texas Pipe Line Co.	4,082	28,548			369	28,180			4,082
	7,593	77,519		6,222	369	83,030			7,936
MELSTONE—Truck			5,476			5,476			
PONDERA—Phillips Petr. Co.	19,391	42,961		23,868	1,409	50,367			34,444
POPLAR, BREDETTE, OUTLOOK & LINE COULEE—									
East Poplar Gathering System	22,980	312,825			314			324,344†	11,147
Truck			381				381		
	22,980	312,825	381		314		381	324,344	11,147
RAGGED POINT—Truck			11,722			11,722			
REAGAN—Union Oil Co.		12,249				12,249			
RED CREEK—									
Toronto Pipe Line Co.		1,408				1,408			
SNYDER—Truck			1,499				1,499		
SOAP CREEK—Truck			8,013			8,013			
SUMATRA—									
Power River Pipe Line Inc.		139,509			1,644	132,082			5,783
Truck			3,716				3,716		
		139,509	3,716		1,644	132,082	3,716		5,783
SWEETGRASS HILLS—Truck			596			596			
WHITLASH—									
Homestake Oil & Gas Co.				3,741	13	3,676			52
Western Natural Gas Co.	748	3,564			386			3,547	379
Truck			1,415			1,415			
	748	3,564	1,415	3,741	399	5,091		3,547	431
WOLF SPRINGS—									
Powder River Pipe Line Co.	1,809	47,372				44,953			4,228
YELLOWSTONE—Truck			417				417		
TOTALS	662,664	2,148,567	128,707	563,199	6,623	545,012	1,757,775	563,199	630,528

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF NOVEMBER, 1958

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Blackfoot	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,475	4,475
Border	767	.....	.....	.....	.....	.....	.....	.....	.....	.....	767
Bowes	.....	.....	.....	17,823	.....	.....	.....	.....	.....	.....	17,823
Cat Creek	.....	.....	11,568	.....	.....	2,460	.....	.....	.....	.....	14,028
Clark's Fork	.....	.....	.....	.....	153	.....	.....	.....	.....	.....	153
Cut Bank	24,014	.....	.....	.....	.....	.....	24,934	38,920	.....	89,970	177,838
Delphia	.....	.....	.....	.....	.....	5,144	.....	.....	.....	.....	5,144
Dry Creek	.....	.....	.....	.....	6,753	.....	.....	.....	.....	.....	6,753
Elk Basin	.....	144,983	65,565	.....	.....	.....	.....	.....	.....	.....	210,548
Gage	.....	.....	.....	.....	304	.....	.....	.....	.....	.....	304
Gypsy Basin	351	.....	.....	.....	.....	.....	.....	.....	.....	.....	351
Ivanhoe	.....	.....	.....	.....	.....	1,361	.....	.....	.....	.....	1,361
Kevin-Sunburst	45,105	.....	.....	.....	.....	.....	.....	82,481	.....	.....	127,586
Melstone	.....	.....	.....	.....	8,849	.....	.....	.....	.....	.....	8,849
Pondera	.....	.....	.....	.....	.....	.....	23,851	.....	.....	.....	23,851
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,249	12,249
Soap Creek	.....	.....	.....	.....	.....	.....	.....	.....	12,819	.....	12,819
Sumatra	.....	119,506	441	.....	42,714	.....	.....	.....	.....	.....	162,661
Sweetgrass Hills	591	.....	.....	.....	.....	.....	.....	.....	.....	.....	591
Whitlash	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,243	1,243
Wolf Springs	.....	62,847	.....	.....	.....	.....	.....	.....	.....	.....	62,847
Total Montana Oil	70,828	327,336	77,574	17,823	58,773	8,965	48,785	121,401	12,819	107,937	852,241
Canadian Oil Imported	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming Oil Imported	.....	638,271	234,165	.....	476,031	.....	.....	.....	.....	.....	1,348,467
TOTAL Montana, Canadian and Wyoming Oil	70,828	965,607	311,739	17,823	534,804	8,965	48,785	121,401	12,819	107,937	2,200,708

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1957	25,264	575	37,438	63,277
November, 1957	29,002	215	38,015	67,232
November, 1958	28,408	.....	44,948	73,356

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
40.13%	.40%	59.47%
43.13%	.33%	56.54%
38.73%		61.27%